

A. Current Data for Alaska 1. What is the latitude? _____ longitude? _____ 2. Time of last observation? _____ 3. Current Meteorological Data Temperature _____ Sea level pressure _____ Wind and Sea State Data Sustained wind _____ Gust Sea Surface Temperature _____ Detailed Wave Data Significant Wave height _____ Average Wave period _____ B. Recent Observations for Alaska - Scroll down to "Data Older than 24 Hours." - Click "Real-time Data." - Click on "description" to the right of "Real Time Standard Meteorological Data." 1. What does "ATMP" mean? _____



2. What does "WTMP" mean? _____

- Click "Back" to get back to the "46035 Real Time Data" site.



- Click on "Real Time Standard Meteorological Data".

Times in the chart are given in 24-hour format like military time. If the hour (hh) is given as 1 through 12, the times are a.m. and 12 o'clock is noon. If the hour is given as 13 through 23, subtract 12 from the time. You now have regular time p.m. If the hour is given as 00, it is midnight.

3.	Record the air temperature and sea surface temperature (SST)
	for the last two days at 1am and 1pm (or close to it).

Date	Air temp	SST
1 am		
1 pm		
Date	Air temp	SST
1 am		
1 pm		

- 4. What was the highest water temperature?
- 5. What was the lowest water temperature?
- 6. What is the difference between the lowest and highest water temperatures? _____
- Click "Back" until you get back to the site with the world map.
- Click on the left box on the Gulf Coast (not Florida).



Mobile, Alabama

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- Enter "42040" in the text box next to the "GO!" box.
- Click the "GO!" box.



- 1. What is the latitude? _____ longitude? _____
- 2. Time of last observation? _____
- 3. Current Meteorological Data
 Temperature _____

Sea level pressure _____

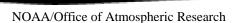
Wind and Sea State Data
Sustained wind _____

Gust

Sea Surface Temperature ____

Detailed Wave Data
Significant Wave height _____

Average Wave period _____





D. Recent Observations for Mobile

- Scroll down to the "Data Older then 24 Hours" section.
- Click "Real-time Data."
- Click "Real time standard meteorological data."
- 1. Record the air temperature and SST for the last two days at 1am and 1pm (or close to it).

Date	Air temp	SST
1 am		
1 pm		
Date	Air temp	SST
1 am		
1 pm		

- 2. What was the highest water temperature? _____
- 3. What was the lowest water temperature? _____
- 4. What is the difference between highest and lowest temperatures?

1. How many degrees la	titude apart are Alaska and the Gulf Coast
Bering Sea buoy	latitude
Mobile buoy	latitude (When you borrow, you borrow 60 seconds) difference
2. How is temperature	affected by latitude?
site.	get back to the OAR Ocean Temperature n